

GenCore version 5.1.4 p5.4578  
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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 12:16:13 ; Search time 35.3242 Seconds  
(without alignments)  
9688.871 Million cell updates/sec

Title: US-08-978-217-1

Perfect score: 1116  
Sequence: 1 ATGGCTGCAACCTGTGAGAT.....TTCTCCAGAGTCGACTGA 1116

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: \*  
1: /cgn2\_6/prodata/1/ina/5A\_COMB\_seq: \*  
2: /cgn2\_6/prodata/1/ina/5B\_COMB\_seq: \*  
3: /cgn2\_6/prodata/1/ina/6A\_COMB\_seq: \*  
4: /cgn2\_6/prodata/1/ina/6B\_COMB\_seq: \*  
5: /cgn2\_6/prodata/1/ina/PCTUS\_COMB\_seq: \*  
6: /cgn2\_6/prodata/1/ina/backfile1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1109.6	99.4	1920	1	US-08-746-789A-1	Sequence 1, Appl1
2	173.8	15.6	852	4	US-09-020-956-44	Sequence 44, Appl1
3	173.8	15.6	852	4	US-09-030-607-44	Sequence 44, Appl1
4	173.8	15.6	852	4	US-09-605-785-44	Sequence 44, Appl1
5	173.8	15.6	852	4	US-09-439-113-44	Sequence 44, Appl1
6	173.8	15.6	852	4	US-09-352-616A-44	Sequence 44, Appl1
7	173.8	15.6	852	4	US-09-232-149A-44	Sequence 44, Appl1
8	173.8	15.6	5427	3	US-09-009-913-2	Sequence 2, Appl1
9	173.8	15.6	5510	3	US-09-009-913-3	Sequence 3, Appl1
10	173.8	15.6	5667	3	US-09-009-913-4	Sequence 4, Appl1
11	162.6	14.6	848	3	US-09-009-913-338	Sequence 338, Appl1
12	101.2	9.1	2280	3	US-09-009-913-8	Sequence 8, Appl1
13	101.2	9.1	2428	3	US-09-009-913-6	Sequence 6, Appl1
14	101.2	9.1	2498	3	US-09-009-913-10	Sequence 10, Appl1
15	84.8	7.6	2266	2	US-09-213-767-1	Sequence 1, Appl1
16	78.2	7.0	1905	4	US-09-055-113-2	Sequence 2, Appl1
17	73.4	6.6	2975	1	US-08-368-281-1	Sequence 1, Appl1
18	73.4	6.6	3240	1	US-08-368-281-3	Sequence 3, Appl1
19	66.6	6.0	1752	4	US-09-360-779-1	Sequence 1, Appl1
20	66.6	6.0	1752	4	US-09-360-779-1	Sequence 1, Appl1
21	65.6	5.9	2268	3	US-09-345-335-1	Sequence 1, Appl1
22	63.4	5.7	2298	2	US-08-343-443B-3	Sequence 3, Appl1
23	59.8	5.4	2667	4	US-08-469-412A-1	Sequence 1, Appl1
24	59.8	5.4	2667	4	US-09-021-715-1	Sequence 1, Appl1
25	59.4	5.3	2064	3	US-08-875-944B-1	Sequence 1, Appl1
26	59.4	5.3	2064	3	US-09-116-049-3	Sequence 3, Appl1
27	53.6	4.8	1447	4	US-08-878-177-1	Sequence 1, Appl1

28	53.6	4.8	1528	4	US-08-878-177-3	Sequence 3, Appl1
29	51.4	4.6	2410	2	US-08-780-835B-1	Sequence 1, Appl1
30	51.4	4.6	2410	4	US-09-303-268-1	Sequence 1, Appl1
31	51.4	4.6	2410	4	US-09-116-049-1	Sequence 1, Appl1
32	51.2	4.6	7218	1	US-08-232-463-14	Sequence 14, Appl1
33	49.6	4.4	1604	1	US-08-306-691B-43	Sequence 43, Appl1
34	49.6	4.4	1604	5	PCT-US93-06251-9	Sequence 9, Appl1
35	43.6	3.9	1364	1	US-08-306-691B-50	Sequence 50, Appl1
36	43.6	3.9	1364	5	PCT-US93-06251-65	Sequence 65, Appl1
37	41.8	3.7	2544	2	US-08-469-412A-6	Sequence 6, Appl1
38	41.8	3.7	2544	4	US-09-021-715-6	Sequence 6, Appl1
39	38.8	3.5	2089	1	US-07-977-630-81	Sequence 81, Appl1
40	38.8	3.5	2089	1	US-07-977-630-82	Sequence 82, Appl1
41	38.8	3.5	3993	1	US-08-316-950-14	Sequence 14, Appl1
42	38.8	3.5	3993	5	PCT-US95-12642-14	Sequence 14, Appl1
43	38.8	3.5	5173	1	US-08-242-677-1	Sequence 1, Appl1
44	38.8	3.5	6044	1	US-08-316-950-18	Sequence 18, Appl1
45	38.8	3.5	6044	5	PCT-US95-12642-18	Sequence 18, Appl1

#### ALIGNMENTS

RESULT 1  
US-08-746-789A-1  
Sequence 1, Application US/08746789A  
Patent No. 5789200  
GENERAL INFORMATION:  
APPLICANT: Ismail Kola, Martin J. Tyms, Christine Dehouck  
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Smithkline Beecham Corporation  
STREET: 709 Swedeland Road, P.O. Box 1539  
CITY: King of Prussia  
STATE: PA  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: MICROSOFT WORD  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/746, 789A  
FILING DATE: No. 5789200el 15, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: William T. Han  
REGISTRATION NUMBER: 34,344  
REFERENCE/DOCKET NUMBER: ATG 50024  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 610 270 5219  
TELEFAX: 610 270 4026  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1920  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: No  
US-08-746-789A-1  
Query Match 99.4%; Score 1109.6; DB 1; Length 1920;  
Best Local Similarity 99.6%; Pred. No. 2.2e-272;  
Matches 1112; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1 ATGGCTGCAACCTGTGAGATTAGCAACATTTTACCACTTCACTTCACTGATGATGATACAGC 60  
DB 115 ATGGCTGCAACCTGTGAGATTAGCAACATTTTACCACTTCACTTCACTGATGATGATACAGC 174

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Qy 61 TCGAGAGACTCCACCCTGCTCTGTTCCCTGCTGCGACCTTTGGGGCGGATGATTG 120
Db 175 TCGAGAGACTCCACCCTGCTCTGTTCCCTGCTGCGACCTTTGGGGCGGATGATTG 234
Qy 121 GTACTGACCTTGAGCAACCCCGAGATGTCATTGAGGGGTACAGAGAGCCAGCTGTG 180
Db 235 GTACTGACCTTGAGCAACCCCGAGATGTCATTGAGGGGTACAGAGAGCCAGCTGTG 294
Qy 181 GGGGAGAGAGCCCGAGTGTGTCGAGAGAGAGGTTCTGAGCTGATGATGATGATGATG 240
Db 295 GGGGAGAGAGCCCGAGTGTGTCGAGAGAGAGGTTCTGAGCTGATGATGATGATGATG 354
Qy 241 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300
Db 355 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 414
Qy 301 ACCCTCTGCAATTGTCCTTGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 360
Db 415 ACCCTCTGCAATTGTCCTTGGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 474
Qy 361 CTCCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 420
Db 475 CTCCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 534
Qy 421 GAGCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 480
Db 535 GAGCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 594
Qy 481 CAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 540
Db 595 CAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 654
Qy 541 CCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 600
Db 655 CCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 714
Qy 601 ACTGCTGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 660
Db 715 ACTGCTGCTTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 774
Qy 661 CCCACTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Db 775 CCCACTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 834
Qy 721 AAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 780
Db 835 AAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 894
Qy 781 CTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 840
Db 895 CTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 954
Qy 841 GACATCTCTATCTACCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 900
Db 955 GACATCTCTATCTACCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1014
Qy 901 GGGCTCTTCAAGTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 960
Db 1015 GGGCTCTTCAAGTCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1074
Qy 961 AACAGCAACATGACCTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020
Db 1075 AACAGCAACATGACCTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1134
Qy 1021 ATCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1080
Db 1135 ATCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1194
Qy 1081 TGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1116
Db 1195 TGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1230

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RESULT 2
US-09-020-956-44/c
: Sequence 44, Application US/09020956
: Patent No. 6261562
: GENERAL INFORMATION:
: APPLICANT: Xu, Jianshun
: APPLICANT: Dillin, Davin C.
: TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FO
: NUMBER OF SEQUENCES: 178
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: SEED AND BERRY LLP
: STREET: 6300 Columbia Center, 701 Fifth Avenue
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/020, 956
: FILING DATE: 09-FEB-1998
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: Mark, David J.
: REGISTRATION NUMBER: 31,392
: REFERENCE/DOCKET NUMBER: 210121.427C2
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206) 622-4900
: TELEFAX: (206) 682-6031
: INFORMATION FOR SEQ ID NO: 44:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 852 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: ORIGINAL SOURCE:
: ORGANISM: Homo sapiens
: US-09-020-956-44
:
: Query Match 15.6%; Score 173.8; DB 4; Length 852;
: Best Local Similarity 69.7%; Pred. No. 4.2e-35;
: Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

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RESULT 3
US-09-030-607-44/c
: Sequence 44, Application US/09030607
: Patent No. 6262245
: GENERAL INFORMATION:
: APPLICANT: Xu, Jiangchun
: APPLICANT: Dillon, Davin C.
: TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS FOR
: NUMBER OF SEQUENCES: 224
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: SEED and BERRY LLP
: STREET: 6300 Columbia Center, 701 Fifth Avenue
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98104
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/030,607
: FILING DATE: 25-FEB-1998
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: Makl, David J.
: REGISTRATION NUMBER: 31,392
: REFERENCE/DOCKET NUMBER: 210121.427C3
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (206) 622-4900
: TELEFAX: (206) 662-6031
: INFORMATION FOR SEQ ID NO: 44:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 852 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: ORIGINAL SOURCE:
: ORGANISM: Homo sapiens
US-09-030-607-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;
Best Local Similarity 69.7%; Pred. No. 4, 2e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 758 TGAGCAAGAGTACTGGGACTGTGCTTCGAGGGCAAGAGCAAGCAGCGCCCAAGAGCA 817
Db 450 TGAAGAAAGAGAGAGACCCGCCCTGCGCAAGTCCACACCAAAAAGCAACACCGAGAGGA 391
QY 818 CCCACCTGTGGAGATTGATCCGGGACATCCTCATCCACCCGGAGCTTCACGAGGGCTCA 877
Db 390 CTCACCTTATGGGAATTCATCCGGGACATCCTCTTGAAACCGACAAAGAACCCAGATTA 331
QY 878 TGAAGTGGGAGATCGGCATGGAAGCGGTCTTCAAGTTCTGCGCTCGAGGCTGTGGCCC 937
Db 330 TAAATATGGGAACCGATCTGAGGGCGCTCTTCAGTTCTTGAAATCAGAGGCAATGGCTC 271
QY 938 AACTATGGGGCCAAAAGAAAAGAACAGCAACATGACCTTACGAAAGCTAGCGGGGCCA 997
Db 270 AGCTATGGGGTAAAGAAAGAACACACAGACGATGACCTATGAAAGCTCTAGCGGAGCTA 211
QY 998 TGAGGTACTACTACAAACCGGAGATCCTGGAAACGGGTGATGGCCGGCGCTGCTTACA 1057
Db 210 TGAGATATTACTACAAAGAGAAATTTCTGGAGCGGTGTGATGACGAAAGACTGTATATA 151
QY 1058 AGTTTGGCAAAATCTCAAGCGGCTGGAGAGGAGAGA 1094
Db 150 AATTTGGGAAGATGCCGAGGATGGAGAGAAATGA 114

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US-09-605-785-44/c
; Sequence 44, Application US/09605785
; Patent No. 6321716
; GENERAL INFORMATION:
; APPLICANT: Xu, JIANGCHUN
; APPLICANT: Dillon, David C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yuqiu
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Retter, Marc W.
; APPLICANT: Stolk, John A.
; APPLICANT: Day, Craig H.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darlick
; APPLICANT: Li, Samuel
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Hepler, William
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 210121.427C16
; CURRENT APPLICATION NUMBER: US/09/605,785
; CURRENT FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 835
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 44
; LENGTH: 852
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(852)
; OTHER INFORMATION: n = A,T,C or G
US-09-605-785-44

Query Match      15.6%; Score 173.8; DB 4; Length 852;
Best Local Similarity 69.7%; Pred. No. 4.2e-35;
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

QY 758 TGAGCAAGAGTACTGGGACTGTCTTCGAGGGCAAGAAAGCAAGACGCGCCACAGAGGA 817
DB 450 TGAAMAAGAGACAGACCCCTCGCAAGTCCACACAAAAGCAACCCGAGAGGA 391
QY 818 CCCACCTGGAGATTCAATCCGGGACATCTCATCCACCCGGAGCTCAACGAGGCTCA 877
DB 330 CTCACCTTATGGAAATTCAATCCGCGCATCTCTTAAACCGACAAAGAACCCAGATTAA 331
QY 878 TGAAGTGGAGATCGGATGAGGCGTCTTCAATTCTCGGCTCCGAGGCTGTGGCC 937
DB 330 TAAATGGGAGACCGATCTGAGGCGTCTTCAAGTTCTTGAAATCAAGAGCGAGTGGCT 271
QY 938 AACTATGGGGCCAAAAGAAAAGAACAGACATGACTTACGAGAGAGTGAAGCGGGCCA 997
DB 270 AGCTATGGGGTAAAGAAAGAACACAGCATGACCTATGAAAAAGCTACAGCGACTA 211
QY 998 TGAGGTACTACTACAAAGCGGATCTGGAACGGGTGGATGGCCGGGAGCTCGTCTCA 1057
DB 210 TGAGATATTACTACAAAGAGAAATTTGAGCGGTGTGGATGAGAGAAAGTGTATATA 151
QY 1058 AGTTGGCAAAAACCAAGCGGCTGGAAGAGAGAGA 1094
DB 150 AATTGGGAAGATGCCGAGGATGAGAGAAAATGA 114

RESULT 5
US-09-439-313-44/c
; Sequence 44, Application US/09439313
; Patent No. 6329505
; GENERAL INFORMATION:
; APPLICANT: Xu, JIANGCHUN

```

APPLICANT: Dillon, Davin C.  
APPLICANT: Mitcham, Jennifer L.  
APPLICANT: Harlocker, Susan Louise  
APPLICANT: Jiang Yuqui  
APPLICANT: Reed, Steven G.  
APPLICANT: Kalos, Michael  
APPLICANT: Fanger, Gary  
APPLICANT: Reiter, Mark  
APPLICANT: Solk, John  
APPLICANT: Day, Craig  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND  
FILE REFERENCE: 210121.427C9  
CURRENT APPLICATION NUMBER: US/09/439,313  
CURRENT FILING DATE: 1999-11-12  
NUMBER OF SEQ ID NOS: 575  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 44  
LENGTH: 852  
TYPE: DNA  
ORGANISM: Homo sapien  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)...(852)  
OTHER INFORMATION: n = A,T,C or G  
US-09-439-313-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;  
Best Local Similarity 69.7%; Pred. No. 4.2e-35;  
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGAGCAAGAGTACTGGAGCTGTCTCGAGGGCAAGAGACGCGCCCAAGAGCA 817  
Db 450 TGAAG 391  
Qy 818 CCCACCTGTGGAGTTCAATCCGGGACATCTCATCCCGGAGCTCAACGAGGCTCTCA 877  
Db 390 CTCACTTATGGGAATTCATCCGCGACATCTCTTGAACCCAGACAGAACTCCAGATTAA 331  
Qy 878 TGAAGTGGAGAGATCGGAGTGAAGGGCTTCAAGTTCTCGGCTCCGAGGCTGTGGCCC 937  
Db 330 TAAATGGAGAGACCGATGTAGGGGCTTTCAAGTTCTTGAATTCAGAGGAGTGGCTC 271  
Qy 938 AACTATGGGGCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 997  
Db 270 AGCTATGGGGTAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 211  
Qy 998 TGAGTACTACTACAAACGGAGATCTTGAACGGGTGATGCGCGAGCTCTGTCTACA 1057  
Db 210 TGAGTATTTACTACAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 151  
Qy 1058 AGTTGGCAAAACTCAAGCGGCTGGAAGAGAGAGA 1094  
Db 150 AATTGGAGAGATGCCGAGAGATGAGAGAGAAATGA 114

RESULT 6  
US-09-352-616A-44/C  
Sequence 44, Application US/09352616A  
Patent No. 6395278  
GENERAL INFORMATION:  
APPLICANT: Dillon, Davin C.  
APPLICANT: Harlocker, Susan Louise  
APPLICANT: Jiang, Yuqui  
APPLICANT: Xu, Jiangchun  
APPLICANT: Mitcham, Jennifer Lynn  
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS  
FILE REFERENCE: 210121.427C6  
CURRENT APPLICATION NUMBER: US/09/352,616A  
CURRENT FILING DATE: 1999-07-13  
NUMBER OF SEQ ID NOS: 472  
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 44  
LENGTH: 852  
TYPE: DNA  
ORGANISM: Homo sapien  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)...(852)  
OTHER INFORMATION: n = A,T,C or G  
US-09-352-616A-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;  
Best Local Similarity 69.7%; Pred. No. 4.2e-35;  
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGAGCAAGAGTACTGGAGCTGTCTCGAGGGCAAGAGACGCGCCCAAGAGCA 817  
Db 450 TGAAG 391  
Qy 818 CCCACCTGTGGAGTTCAATCCGGGACATCTCATCCCGGAGCTCAACGAGGCTCTCA 877  
Db 390 CTCACTTATGGGAATTCATCCGCGACATCTCTTGAACCCAGACAGAACTCCAGATTAA 331  
Qy 878 TGAAGTGGAGAGATCGGAGTGAAGGGCTTCAAGTTCTCGGCTCCGAGGCTGTGGCCC 937  
Db 330 TAAATGGAGAGACCGATGTAGGGGCTTTCAAGTTCTTGAATTCAGAGGAGTGGCTC 271  
Qy 938 AACTATGGGGCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 997  
Db 270 AGCTATGGGGTAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 211  
Qy 998 TGAGTACTACTACAAACGGAGATCTTGAACGGGTGATGCGCGAGCTCTGTCTACA 1057  
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Qy 1058 AGTTGGCAAAACTCAAGCGGCTGGAAGAGAGAGA 1094  
Db 150 AATTGGAGAGATGCCGAGAGATGAGAGAGAAATGA 114

RESULT 7  
US-09-232-149A-44/C  
Sequence 44, Application US/09232149A  
Patent No. 6465611  
GENERAL INFORMATION:  
APPLICANT: Xu, Jiangchun  
APPLICANT: Dillon, Davin C.  
APPLICANT: Mitcham, Jennifer Lynn  
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE  
FILE REFERENCE: 210121.427C6  
CURRENT APPLICATION NUMBER: US/09/232,149A  
CURRENT FILING DATE: 1999-01-15  
NUMBER OF SEQ ID NOS: 338  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 44  
LENGTH: 852  
TYPE: DNA  
ORGANISM: Homo sapien  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: (1)...(852)  
OTHER INFORMATION: n = A,T,C or G  
US-09-232-149A-44

Query Match 15.6%; Score 173.8; DB 4; Length 852;  
Best Local Similarity 69.7%; Pred. No. 4.2e-35;  
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGAGCAAGAGTACTGGAGCTGTCTCGAGGGCAAGAGACGCGCCCAAGAGCA 817  
Db 450 TGAAG 391  
Qy 818 CCCACCTGTGGAGTTCAATCCGGGACATCTCATCCCGGAGCTCAACGAGGCTCTCA 877

Db	390	CTCACTTATGGGAATTCATCCGGGACATCTCTTGAACCCAGACAAGAACCCAGGATTAA	331
Qy	878	TGAAGTGGGAAATCGGCATGAAAGCGCTCTTCAAATTCTCGCGCTCCGAGCGCTGAGGCC	937
Db	330	TAAATATGGGAAGACCGATCTGAGGCGCTCTTCAGGTTCTTGAATATAGAGGCATGAGCTC	271
Qy	938	AACATATGGGCGCAAAAGAAAAAGAACAGCAACATGACTTAACGAAAGCTGAGCCGGGCA	997
Db	270	AGCATATGGGGGTAAATAAATAAACAACAGCAGCATGACTATGAAAGAGCTCACCCGAGCTA	211
Qy	998	TGAGAGTCTACTACAAACGGGAGATCCTTGAAACGGGTGATGTGGCCGGCAGCTCGTCTACA	1057
Db	210	TGAAATATTATCTACAAAAGAAATTTCTGAGGCGTGTGATATGACGAACACTGGTATATTA	151
Qy	1058	AGTTTGGCAAAAACCTCAAGCGCGCTCGAAGAGGAGAA	1094
Db	150	AATTTGGAAAGAAATGCCGAGAGATGGAGAAATAATTA	114

## RESULT 8

```

US-09-009-913-2
/ Sequence 2, Application US/09009913
/ Patent No. 6087485
/
/ GENERAL INFORMATION:
/ APPLICANT: Axy's Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Asthma Related Genes
/ NUMBER OF SEQUENCES: 339
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Bozicevic & Reed, LLP
/ STREET: 285 Hamilton Ave, Suite 200
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94301
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: DOS
/
/ SOFTWARE: FastSeq for Windows Version 2.0
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/009,913
/ FILING DATE: 21-JAN-1998
/ CLASSIFICATION:
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sherwood, Pamela J
/ REGISTRATION NUMBER: 36,677
/ REFERENCE/DOCKET NUMBER: SEQ-4P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-327-3231
/ TELEFAX: 650-327-3231
/
/ TELEX:
/
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 5427 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/
/ MOLECULE TYPE: cDNA
/
US-09-009-913-2

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Query Match	15.6%	Score 173.8;	DB 3;	Length 5427;
Best Local Similarity	69.7%	Pred. No. 7.4e-35;		
Matches 235; Conservative	0;	Mismatches 102;	Indels 0;	Gaps 0;

QY	TGAGCAAGAAGTACTCTGGGACGTGTCTCCAGGGCAGAAAGACGACACGCCGCCAAGGCA	817
Db	TGAAAAAGAGACMAAGCCCCCTCTGCAGTGTCACACCAAAGACACACCCTGAGAGGA	768
QY	CCCACCTGTGGAGTTCAATCCGGGACAATCTCTCATTCACCCGGAAGCTCAACAGAGGCGCTCA	817

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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## RESULT 9

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US-09-009-913-3
; Sequence 3, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: Axxis Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related Genes
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,913
; FILING DATE: 21-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: SEQ-4P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3231
; TELEFAX: 650-327-3231
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5510 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-009-913-3

```

Query Match	15.6%	Score 173.8;	DB 3;	Length 5510;
Best Local Similarity	69.7%	Pred. No. 7.4e-35;		
Matches 235; Conservative	0;	Mismatches 102;	Indels 0;	Gaps 0;

[illegible]

Db 852 CTCACCTATGGGAATTCAATCCCGCAGATCTCTTGAACCAACAAGAACCCAGATTAA 911  
Qy 878 TGAAGTGGAGAAATGCGCATGAAGCGCTTCAAGTTCCTGCGCTCCGAGGCTGAGGCC 937  
Db 912 TAAATGGGAAGACCGATCTGAGGCGCTTCAAGTTCCTGGAATCAGAGGAGTGGCTC 971  
Qy 938 AACTATGGGGCCAAAAGAAAAGAAAGAACAGACATGACCTACAGAACTGAGCCGGGCCA 997  
Db 972 AGCTATGGGGTAAAAAAGAAAGAACAGACATGACCTATGAAAGCTCAGCCGAGCTA 1031  
Qy 998 TGAGTACTACTACAAACGGAGATCTTGGAACGGGTGATGCGCGGACTCTGCTACA 1057  
Db 1032 TGAGTATTACTACAAAGAGAAATACCTGAGCGCTGTGATGAGACGAAAGACTGTATATA 1091  
Qy 1058 AGTTGGCAAAACTCAAGCGGCTGGAAGAGAGAGA 1094  
Db 1092 AATTGGAGAAATGCGCGAGATGAGAGAAATGA 1128

## RESULT 10

US-09-009-913-4  
; Sequence 4, Application US/09009913  
; Patent No. 6087485  
; GENERAL INFORMATION:  
; APPLICANT: Axys Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Asthma Related Genes  
; NUMBER OF SEQUENCES: 339  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bozicevic & Reed, LLP  
; STREET: 285 Hamilton Ave, Suite 200  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/009,913  
; FILING DATE: 21-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: SEQ-4P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-327-3231  
; TELEFAX: 650-327-3231  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5667 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; US-09-009-913-4

Query Match 15.6%; Score 173.8; DB 3; Length 5667;  
Best Local Similarity 69.7%; Pred. No. 7.5e-35;  
Matches 235; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 758 TGAGCAAAAGTAAGTCTGCTGAGGGGCAAGAGCAAGCGGCCAGAGGCA 817  
Db 949 TAAAAAAGAGCAAGACCCCTCTGCAAGTGCACACCAAAAAGCAACCCGAGGGGA 1008  
Qy 818 CCACCTGTGGAGTTTCATCCGGGACATCTTCATCCACCCGAGGCTCAAGAGGCTCTCA 877

Db 1009 CTCACCTATGGGAATTCAATCCCGCAGATCTCTTGAACCAACAAGAACCCAGATTAA 1068  
Qy 878 TGAAGTGGAGAAATGCGCATGAAGCGCTTCAAGTTCCTGCGCTCCGAGGCTGAGGCC 937  
Db 1069 TAAATGGGAAGACCGATCTGAGGCGCTTCAAGTTCCTGGAATCAGAGGACATGGCTC 1128  
Qy 938 AACTATGGGGCCAAAAGAAAAGAAAGAACAGACATGACCTACAGAACTGAGCCGGGCCA 997  
Db 1129 AGCTATGGGGTAAAAAAGAAAGAACAGACATGACCTATGAAAGCTCAGCCGAGCTA 1188  
Qy 998 TGAGTACTACTACAAACGGAGATCTTGGAACGGGTGATGCGCGGACTCTGCTACA 1057  
Db 1189 TGAGTATTACTACAAAGAGAAATACCTGAGCGCTGTGATGAGACGAAAGACTGTATATA 1248  
Qy 1058 AGTTGGCAAAACTCAAGCGGCTGGAAGAGAGAGA 1094  
Db 1249 AATTGGAGAAATGCGCGAGATGAGAGAAATGA 1285

## RESULT 11

US-09-009-913-338  
; Sequence 338, Application US/09009913  
; Patent No. 6087485  
; GENERAL INFORMATION:  
; APPLICANT: Axys Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Asthma Related Genes  
; NUMBER OF SEQUENCES: 339  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bozicevic & Reed, LLP  
; STREET: 285 Hamilton Ave, Suite 200  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/009,913  
; FILING DATE: 21-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: SEQ-4P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-327-3231  
; TELEFAX: 650-327-3231  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 338:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 848 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: Coding Sequence  
; LOCATION: 1...848  
; OTHER INFORMATION:  
; US-09-009-913-338

Query Match 14.6%; Score 162.6; DB 3; Length 848;  
Best Local Similarity 72.7%; Pred. No. 2.9e-32;  
Matches 210; Conservative 0; Mismatches 79; Indels 0; Gaps 0;

Qy 758 TGAGCAAAAGTAAGTCTGCTGAGGGCAAGAGCAAGCGGCCAGAGGCA 817

Db 560 TGAAGAGGAGCAAGCACCCTGTAAAGTCCACACCAAAAAGCAGACCCAGAGGCA 619  
Qy 818 CCCAGCTGTGGAGTTTCATCCGGGACATCCATCCACCCGGAGCTGACGAGGGCTCA 877  
Db 620 CTCACCTTATGAGATTATCCGAGACATTTCTTTGAGCCAGACAAAGCCAGGCTGA 679  
Qy 878 TGAAGTGGGAATCGGCATGAAAGCGCTTTCAGATTCTGCGCTCCGAGGCTGTGGCC 937  
Db 680 TCAATATGGGAAGCCGTTCCGAGAGCATCTTCAAGTTCTGAAATCAGAAGCTGTGGCTC 739  
Qy 938 AACTATGGGCCCCAAAGAAAAGACGACCAATGACCTTACGAGAGCTGAGCCGGCCCA 997  
Db 740 AGCTGTGGGGGAAAAAATAACAGTAGCATGACATGACGAGAGCTGACCGGGCTA 799  
Qy 998 TGAGTACTACTCAACAGGAGATCCTGGAACGGGTGATGCGCGGCG 1046  
Db 800 TGAGATTTACTACAAAGAGAAATCCTGGAGCGTGGATGACGACG 848

## RESULT 12

US-09-009-913-8  
; Sequence 8, Application US/09009913  
; Patent No. 6087485  
; GENERAL INFORMATION:  
; APPLICANT: Axy's Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Asthma Related Genes  
; NUMBER OF SEQUENCES: 339  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bozicevic & Reed, LLP  
; STREET: 285 Hamilton Ave, Suite 200  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/009,913  
; FILING DATE: 21-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: SEQ-4P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-327-3231  
; TELEFAX: 650-327-3231  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2280 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-09-009-913-8

Query Match 9.1%; Score 101.2; DB 3; Length 2280;  
Best Local Similarity 61.7%; Pred. No. 1.5e-16;  
Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

Qy 808 CCCAGAGCACCACCTGTGGAGTTATCCGGACATCTCTATCCACCCGGAGCTCAAC 867  
Db 548 CTCCTCAAGTTCTCATCTATGGAATTTGTAGAGACCTGCTTCTATCTCTCGAAGAAAC 607  
Qy 868 GAGGCGCTCATGAAAGTGGAGAAATCGGCATGAAAGCGCTTCAAGTTCTGCGCTCGAG 927

Db 608 TGTGGCATTTCTGGAATGGGAATAGGAAACAAGATTTTTCGGGTGTTAAATCGAA 667  
Qy 928 GCTGTGGCCCAACTATGAGGGCCAAAAGAAAAGAACGACAACTGACCTCGAAGACTG 987  
Db 668 GCCCTGCAAAAGATGTGGGACAAAGGAAAAATGACAGAAATGACGTATGAAAGTTG 727  
Qy 988 AGCCGGCCCATGAGTACTACTCAAAACGGAGATCCTGGAACGGGTGATGCGCCGCA 1047  
Db 728 AGCAGAGCCCTGAGATACTCTATTAACAGAAATTTTGGAGCGGGT---TGACCGAAG 784  
Qy 1048 CTGCTTACAGTTTGGCAAAAATCTAAGCGGCTGAGAGGAGAGAGGT 1097  
Db 785 TTAGTGTACAAATTTGGAAAAAATGACACGCGTGCAGAGAACAGCT 834

## RESULT 13

US-09-009-913-6  
; Sequence 6, Application US/09009913  
; Patent No. 6087485  
; GENERAL INFORMATION:  
; APPLICANT: Axy's Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Asthma Related Genes  
; NUMBER OF SEQUENCES: 339  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bozicevic & Reed, LLP  
; STREET: 285 Hamilton Ave, Suite 200  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/009,913  
; FILING DATE: 21-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: SEQ-4P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-327-3231  
; TELEFAX: 650-327-3231  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2428 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-09-009-913-6

Query Match 9.1%; Score 101.2; DB 3; Length 2428;  
Best Local Similarity 61.7%; Pred. No. 1.5e-16;  
Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

Qy 808 CCCAGAGCACCACCTGTGGAGTTATCCGGACATCTCTATCCACCCGGAGCTCAAC 867  
Db 696 CTCCTCAAGTTCTCATCTATGGAATTTGTAGAGACCTGCTTCTATCTCTGAAAGAAAC 755  
Qy 868 GAGGCGCTCATGAAAGTGGAGAAATCGGCATGAAAGCGCTTCAAGTTCTGCGCTCGAG 927  
Db 756 TGTGGCATTTCTGGAATGGGAATAGGAAACAAGATTTTTCGGGTGTTAAATCGAA 815  
Qy 928 GCTGTGCCCCCACTATGGGGCCAAAAGAAAAGAACGACAACTGACCTGAGAAAGCTG 987

Db 816 GCCCTGGAAAGATGTGGGACAAAGAAATAATGACAGATATACATGAAAAATTGG 875  
Qy 988 AGCCGGGCGCATGAGGTACTACTACAAACGGAGATCTGTGAACGGGTGATGGCCGGCA 1047  
Db 876 AGCAGAGCCCTGAGTACTACTATTAACAGAAATTTTGGACGGGGT---TGACCGAAG 932  
Qy 1048 CTCGTCTCAAGTTTGGCAAAAATCAAGCGGCTGGAAAGAGAGAGT 1097  
Db 933 TTAGTGTACAAATTTGGAAAAATGCACACGCGGTGGCAGGAAGACAGCT 982

RESULT 14  
US-09-913-10  
Sequence 10, Application US/09009913  
Patent No. 6087485  
GENERAL INFORMATION:  
APPLICANT: Ky's Pharmaceuticals, Inc.  
TITLE OF INVENTION: Asthma Related Genes  
NUMBER OF SEQUENCES: 339  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Bozicevic & Reed, LLP  
STREET: 285 Hamilton Ave, Suite 200  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION NUMBER: US/09/009,913  
FILING DATE: 21-JAN-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
ATTORNEY/AGENT INFORMATION:  
FILING DATE:  
NAME: Sherwood, Pamela J  
REGISTRATION NUMBER: 36,677  
REFERENCE/DOCKET NUMBER: SEQ-4P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-327-3231  
TELEFAX: 650-327-3231  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2498 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-009-913-10

Query Match 9.1%; Score 101.2; DB 3; Length 2498;  
Best Local Similarity 61.7%; Pred. No. 1.5e-16;  
Matches 179; Conservative 0; Mismatches 108; Indels 3; Gaps 1;

Qy 808 CCCAGAGCACCACCTGTGGAGTTCACCGGACATCCTCCACCCGAGGCTCAAC 867  
Db 765 CTCCAAAGTTCATCTATGGGAATTTGTAGAGACCTGCTCTCTGAGAAAAAC 824  
Qy 868 GAGGCGCTCAGTGAAGTGGAGAAATCGCATGAAGCGCTTCAAGTTCTCGCTCCAG 927  
Db 825 TGTGGCATTTCTGAAATGGGAAAGATAGGAAACAAGAAATTTTCGGGTGTTAAATCGGA 884  
Qy 928 GCTGTGGCCCACTATGGGGCCAAAAGAAACAGCAATGATCTTACAGAGAGCTG 987  
Db 885 GCCCTGGCAAGATGTGGGACAAAGAAATGACAGATGCGTATGAAAAAGTTG 944  
Qy 988 AGCCGGGCGCATGAGGTACTACTACAAACGGAGATCTGTGAACGGGTGATGGCCGGCA 1047

Db 945 AGCAGAGCCCTGAGATTAATACTATPAAAAACAGAAATTTTGGACGGGT---TGACCGAAG 1001  
Qy 1048 CTCGTCTCAAGTTTGGCAAAAATCAAGCGGCTGGAAAGAGAGAGT 1097  
Db 1002 TTAGTGTACAAATTTGGAAAAATGCACACGCGGTGGCAGGAAGACAGCT 1051

RESULT 15  
US-09-213-767-1  
Sequence 1, Application US/09213767  
Patent No. 5948680  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
FILE REFERENCE: RTS-0024  
CURRENT APPLICATION NUMBER: US/09/213,767  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 1  
LENGTH: 2266  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (316)..(1602)  
US-09-213-767-1

Query Match 7.6%; Score 84.8; DB 2; Length 2266;  
Best Local Similarity 64.0%; Pred. No. 2.1e-12;  
Matches 128; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

Qy 864 CAACGAGGCGCTCATGAAGTGGAGAAATCGGATGAAGCGCTTCAAGTTCTGCGCTC 923  
Db 372 CAATGGCCATCATCTCTCTGACTTCACGGGATGTGTAAATTCAGCTGTGTATGC 431  
Qy 924 CGAGGCTGTGGCCCACTATGAGGCGCAAAAAGAAACAGCAATGACCTACGAGAA 983  
Db 432 AGAGAGGTGGCCCGGCTGTGGGACTACGCAAGAACAAACATGAATTACGACAA 491  
Qy 984 GCTGAGCGGCGCATGAGTACTACTACAAACGGAGATCTTGAACGGGTGTGATGCCG 1043  
Db 492 GCTCAGCGGCGCTTGGCGTACTACTATGACMAAGACATATCCGCAAGGTGAGCGGCA 551  
Qy 1044 GCGACTGCTTCAAGTTG 1063  
Db 552 GAAGTCTCTCAAGTTG 571

Search completed: March 15, 2003, 15:12:50  
Job time : 49.3242 secs